

CLAIMS

1. An arrangement for read-out of information from an optical information carrier, comprising a light source for illuminating said information carrier, and an optical system for receiving light reflected from the information carrier and for injecting this reflected light into a vertical-cavity surface-emitting laser (VCSEL)
5 (30), said VCSEL having a front side for receiving said reflected light and a rear opposite said front side, wherein the VCSEL is configured to emit light through its rear, and wherein a photodetector (32) is provided adjacent said rear to detect light emitted through the rear of the VCSEL.
- 10 2. An arrangement as claimed in claim 1, further comprising a polarizer (31) arranged between said rear of the VCSEL (30) and said photodetector (32) for allowing only light of a predetermined polarization to reach the photodetector.
3. An arrangement as claimed in claim 1 or 2, wherein the VCSEL is configured
15 to emit light through its rear by way of a hole provided in a substrate of the VCSEL.
4. An arrangement as claimed in claim 1 or 2, wherein the VCSEL is configured to emit light through its rear by way of a substrate of the VCSEL being transparent to the emitted wavelength.
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5. An optical drive, comprising an arrangement for read-out according to any one of the preceding claims.
6. Use of a vertical-cavity surface-emitting laser (VCSEL) capable of receiving
25 injection of light from a first side and capable of emitting light from a second side for enhancing read-out of information from an optical information carrier, wherein said information carrier is illuminated by light from a light source, and light thus reflected from the information carrier is injected into the VCSEL from the first side and read-

out is performed by monitoring light emitted by said VCSEL from the second side opposite said first side.